

Receiving Report

Date: 12/10/17

Batch No: M123335

Supplier: FACTORY STORE

Dart P/O: 18066

Packing Slip: Yes ☒ No ☐

Invoice: Yes ☐ No ☒

Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐

Waybill Attached: Yes ☐ No ☒ N/A ☐

Shipment Complete: Yes ☒ No ☐ N/A ☐

QC6 Inspection: 14 12/16/20 N/A ☒

Work Order: 889 N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 [Signature]

Production/Admin: 12/10/17

Date

Received/Costing [Signature]

Initial

Location

Purchase Order Receipt Listing

Wednesday, October 17, 2012 10:07:10 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO18066 All Receipt Dates All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name			VU-FAC001	Factory Steel							
PO18066	1		M4130NTS0.500W.0 f		10/10/2012	10/17/2012	180.6670	\$6.75	0.0000	0	\$1,219.50
USD	No		4130 Square tube .500 x .500 x .035w 123339	f	200.0000	DES102	-	\$1,219.50	0.0000	0	
	2		M4130NT0.500W.04 f	f	10/10/2012	10/17/2012	50.8330	\$7.20	0.0000	0	\$366.00
	No		4130 RD Tube .500 x.049W 123339	f	48.0000	DES102	-	\$366.00	0.0000	0	
	3		M4130NT0.750W.04 f	f	10/10/2012	10/17/2012	78.0000	\$6.39	0.0000	0	\$498.42
	No		4130 RD Tube .750 x.049W 123339	f	76.0000	DES102	-	\$498.42	0.0000	0	
	4		71400-15	Each	10/10/2012	10/17/2012	1.0000	\$75.00	0.0000	0	\$75.00
	No		cut & pack 123339		1.0000	DES102	-	\$75.00	0.0000	0	
<div> <div>Total Received Quantity:</div> <div>Total Qty to Inspect (PO U/M):</div> <div>Total Reject Quantity:</div> <div>Total Receipt Value:</div> <div>Total Balance Due Quantity:</div> </div>											<div>\$310.5000</div> <div>0.0000</div> <div>0.0000</div> <div>\$2,158.92</div> <div>19.3330</div>

PACKING LIST

No. 34466

PG 1 OF 2



FACTORY STEEL & METAL SUPPLY
14020 OAKLAND AVENUE
DETROIT, MI 48203
(313)883-6300 PHONE
(313)883-4883 FAX

PURCHASE ORDER #
P018066
JOB NAME

BUYER
CHANTEL CLAVOIE
Tel (613) 632-3336
Fax (613) 632-4443

SHIP DATE
10/10/2012
SHIP VIA
YRC

SOLD TO
DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7

SALES ORDER #
29421
SHIP TO
DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7

SALES REP
MICK HALON
SHIP INST
YRC

RESALE #
59-2958719
CARRIER
YRC

PRO#
761-589-0821
TERMS
NET 30 DAYS

BLIND Y/N
N
FOB
DETROIT

LINE	PCS	QUANTITY	DESCRIPTION	WIDTH	LENGTH	WEIGHT	UNIT PRICE	TOTAL
RETURN SIGNED FOR PROMPT PROCESSING FAX #313-883-4883								
1	8	180.667 FT	4130 CD SMLSS SQ TUBE 1/2" X .035W		21' /24' RL	39.980		
			Our Tag # Mill Ref # Heat # 73641 539434 539434 81425 539434 539434 81426 539434 539434 81427 539434 539434					
			Pcs 5 1 1 1					
			Total Ft 120.000 18.000 19.917 22.750					
2	2	50.833 FT	4130N CD SMLSS RD TUBE 1/2" OD X .049W		19' /24' RL	11.996		
			Our Tag # Mill Ref # Heat # 81428 137954 556125					
			Pcs 2					
			Total Ft 50.833					
3	3	78 FT	4130 CD SMLSS RD TUBE 3/4" OD X .049W		19' /23' RL	28.610		
			Our Tag # Mill Ref # Heat # 81429 159090					
			Pcs 3					
			Total Ft 78					
4	1		CUT & PACK					
TOTAL WT								

Emp/pt

RECEIVED BY - SIGNATURE	RECEIVED BY - PRINTED NAME	DATE RECEIVED
-------------------------	----------------------------	---------------



50

PG 2 OF 2

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PLYMOUTH TUBE CO. ^{USA}

1209 East 12th Street, Streator, Illinois 61384
Phone: (815) 673-1515 Fax: (815) 672-7343

PRODUCT CERTIFICATION

SALES ORDER - LINE ITEM/RLS
043175 - 110

SOLD TO

Factory Steel & Metal Supply C
14020 Oakland Avenue
Detroit, MI 48203
USA

WORK ORDER 013398
HEAT NUMBER 539434
MELT SOURCE Benteler Steel & Tube-Germany

ISO 9001:2000
AND
TS 16949:2002
CERTIFIED

CUSTOMER P.O.	CUSTOMER PART	QUANTITY	LADING NO	SHIPMENT DATE																																																																												
8150																																																																																
PART DESCRIPTION SHSQ0500035J200 ***** Square OD ***** Side1: 0.5000 Max:0.5100 Min:0.4900 Side2: 0.5000 Max:0.5100 Min:0.4900 Wall: 0.0350 Max:0.0380 Min:0.0320 Length: 19.00/26.00 Spec: Mil-T 6736B Seamless Aircraft Grade: 4130 Anneal: Cond N																																																																																
CERTIFICATION REQUIREMENTS <div style="text-align: center;"> Chemical Analysis <table border="1"> <thead> <tr> <th>C</th> <th>Mn</th> <th>P</th> <th>S</th> <th>Si</th> <th>Al</th> <th>Ca</th> <th>Mo</th> <th>Ni</th> <th>Pb</th> <th>Cu</th> <th>V</th> <th>Ti</th> <th>Sn</th> </tr> </thead> <tbody> <tr> <td>.310</td> <td>.53</td> <td>.008</td> <td>.003</td> <td>.220</td> <td>.035</td> <td>.91</td> <td>.18</td> <td>.07</td> <td>.001</td> <td>.12</td> <td>.002</td> <td>.003</td> <td>.010</td> </tr> </tbody> </table> </div> <div style="text-align: center;"> Physical Properties <table border="1"> <thead> <tr> <th>Freq.</th> <th>Severity</th> <th>Grain Size</th> </tr> </thead> <tbody> <tr> <td>.137</td> <td>.083</td> <td>9</td> </tr> </tbody> </table> </div> <div style="text-align: center;"> Mechanical Properties <table border="1"> <thead> <tr> <th>TEST</th> <th>UNITS</th> <th>#TESTS</th> <th>HIGH</th> <th>LOW</th> <th>AVERAGE</th> <th>STD-DEV</th> </tr> </thead> <tbody> <tr> <td>Tensile</td> <td>Psi</td> <td>4</td> <td>119600</td> <td>116910</td> <td>118065</td> <td>1159</td> </tr> <tr> <td>Yield</td> <td>Psi</td> <td>4</td> <td>106270</td> <td>102470</td> <td>104238</td> <td>1563</td> </tr> <tr> <td>Elongation</td> <td>%</td> <td>4</td> <td>21</td> <td>18</td> <td>19</td> <td>2</td> </tr> <tr> <td>Rockwell B</td> <td>Rb</td> <td>4</td> <td>97</td> <td>97</td> <td>97</td> <td>0</td> </tr> <tr> <td>Rockwell C</td> <td>Rc</td> <td>0</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> </div> <div style="text-align: center;"> TEST RESULT Decarb/OD Pass Total ID/OD decarb Pass </div>					C	Mn	P	S	Si	Al	Ca	Mo	Ni	Pb	Cu	V	Ti	Sn	.310	.53	.008	.003	.220	.035	.91	.18	.07	.001	.12	.002	.003	.010	Freq.	Severity	Grain Size	.137	.083	9	TEST	UNITS	#TESTS	HIGH	LOW	AVERAGE	STD-DEV	Tensile	Psi	4	119600	116910	118065	1159	Yield	Psi	4	106270	102470	104238	1563	Elongation	%	4	21	18	19	2	Rockwell B	Rb	4	97	97	97	0	Rockwell C	Rc	0				
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Rockwell C	Rc	0																																																																														
Additional Specification(s) AMS-T 6736A, 6360L & 6371J ----- <p>This test report data is for the heat Chemistry Stated above.</p> <p>The material in this test report is:</p>																																																																																

I certify that the results are a true and correct copy of the records prepared and maintained by Plymouth Tube Company, Streator in compliance with the requirements of the cited specification. Chemistry is as

P. K. K. K.
Quality Assurance



PLYMOUTH TUBE CO. USA

1209 East 12th Street, Streator, Illinois 61364
Phone: (815) 673-1515 Fax: (815) 672-7343

PRODUCT CERTIFICATION

SALES ORDER - LINE ITEM/RLS
043175 - 1 / 0

WORK ORDER **013398**
HEAT NUMBER **539434**
MELT SOURCE **Benteler Steel & Tube-Germany**

SOLD TO

Factory Steel & Metal Supply C
14020 Oakland Avenue
Detroit, MI 48203
USA

ISO 9001:2000
AND
TS 16949:2002
CERTIFIED

CUSTOMER P.O.	CUSTOMER PART	QUANTITY	LADING NO	SHIPMENT DATE
8150				

- 1) Free from Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Mercury contamination.
- 2) NAFTA compliant.

End of Certification



MATERIAL TEST REPORT

Page 1 of 1

Sold To: 3300035
FACTORY STEEL & METAL SUPPLY CO.
14020 OAKLAND AVENUE
DETROIT MI 48203

Ship To: 3300035
FACTORY STEEL & METAL SUPPLY CO.
14020 OAKLAND AVENUE
DETROIT MI 48203

Purchase Order: 1609
Sales Order: 137954
Material: A893050004905461 AMS-T-6736 05000D 049AW AMS6360,6371
Delivery: 80223699

Description: AMS-6360L/AMS-6371J/MS-T-6736B COND N./MIL-T-6736/ASTM A519
SEAMLESS 4130.

Test: NDT ELECTRIC TESTED TO ASTM A450 OR A1016 & APPLICABLE TEST METHOD E309 OR E426. MAGNETIC
INSPECTED TO AMS2301.

Heat Number: 556125
%

CARBON	LDL	0.310
MANGANESE	LDL	0.530
PHOSPHORUS	LDL	0.006
SULFUR	LDL	0.001
SILICON	LDL	0.240
NICKEL	LDL	0.100
CHROMIUM	LDL	0.880
MOLYBDENUM	LDL	0.170
COPPER	LDL	0.080
ALUMINUM	LDL	0.034
R-EACH	LDL	0.000
R-TOTAL	LDL	0.000

DAS
14
9-89

12/10/22

Ultimate (PSI)	116800 / 117700
Yield (PSI)	98,600 / 98,800
Elongation (%)	15 / 18
Hardness (RC)	19 / 19
Grain Size	9.000
Frequency rate	0.039
Severity	0.039
Decarb OD Total (IN)	PASSED
Decarb ID Total (IN)	PASSED
	%

Jominy (RC) Heat: 556125 J5/16 = 35 J8/16 = 30

Origin of Melt Germany

Origin of Raw Material Germany

Manufactured in USA

Webco Industries, Inc. certifies that the material described was manufactured and tested and/or
inspected in accordance with the specification and fulfills requirements in such respect.
This document conforms to the requirements of Specification EN 10204 Inspection Document Type 3.1.
This document was prepared by means of electronic processing and is valid without signature.

Date: 01/05/2012

Tony Stubblefield
Quality Manager



PLYMOUTH TUBE CO. - USA®

1209 East 12th Street, Streator, Illinois 61864
Phone: (815) 678-1515 Fax: (815) 672-7343

PRODUCT CERTIFICATION

SALES ORDER - LINE ITEM/ RLS
040027 - 1 / 0

SOLD TO

WORK ORDER 012473

HEAT NUMBER 159090

MELT SOURCE Benteler Steel Corp - Germany

Factory Steel & Metal Supply Co.
14020 Oakland Avenue
Detroit, MI 48203
USA

ISO 9001:2000
AND
TS 16949:2002
CERTIFIED

CUSTOMER P.O. 8286	CUSTOMER PART	QUANTITY	LADING NO	SHIPMENT DATE										
PART DESCRIPTION H07500490J800 OD: 0.7500" Max: 0.7550" Min: 0.7500" Wall: 0.0490" Max: 0.0530" Min: 0.0450" Length: 19.00' / 26.00' Spec: Mil-T 6736B Seamless Aircraft Grade: 4130 Finish: Cond N														
CERTIFICATION REQUIREMENTS This material was Eddy Current tested and conforms to the requirements of ASTM A-450. This material is stress relief annealed. The final annealing temperature was 1150 degrees fahrenheit. The Grain size is determined and reported by the raw material supplier in accordance to ASTM E-112. This raw material was magnetic particle inspected by the raw material supplier in accordance to AMS 2640J and/or ASTM E-1444, and rated as Frequency, and Severity to AMS 2301, latest revision. Yield is determined by using the 0.2% offset method.														
Chemical Analysis														
C	Mn	P	S	Si	Al	Cr	Mo	Ni	Pb	Cu	V	Ti	Sn	
.320	.54	.006	.002	.220	.030	.92	.17	.07	.001	.10	.002	.003	.009	
Physical Properties														
Freq.	Severity	Grain Size												
.117	.063	5												
Melt Source														
Melt Source Benteler Steel Corp - Germany														
Mechanical Properties														
TEST	UNITS	#TESTS	HIGH	LOW	AVERAGE	STD-DEV								
Tensile	Psi	1	108890	108890	108890	-----								
Yield	Psi	1	91660	91660	91660	-----								
Elongation	%	1	18	18	18	-----								
Rockwell B	Rb	0	-----	-----	-----	-----								
Rockwell C	Rc	0	-----	-----	-----	-----								
TEST	RESULT													
Decarb/OD	Pass													
Total ID/OD decarb	Pass													

DAS
14 12/10/22
2-89

I certify that the results are a true and correct copy of the records prepared and maintained by Plymouth Tube Company, Streator in compliance with the requirements of the cited specification. Chemistry is as reported by the Steel supplier. This test report cannot be reproduced or distributed except in full without the written permission of Plymouth Tube.

Gerry Cross

Quality Assurance



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO18066

Purchase Order Date 10/03/12

PO Print Date 10/03/12

Page Number 1 of 2

Order From :

FACTORY STEEL
14020 OAKLAND AVE.
DETROIT, MI 48203
US

VU-FAC001

Contact Name

Vendor Phone 313 883 6300

Vendor Fax 313 883 4883

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

REVISED

123339

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M4130NTS0.500W.035 032	4130 Square tube .500 x .500 x .035w	10/10/12 Yes	200.00 f	YRC ppd	\$6.7500	\$1,350.00
Special Inst:			MATERIAL: AISI N STEEL SQUARE TUBING AS PER MIL-T-6736 OR AMS 6371/6360/6361/6362/6373/6374				
2	M4130NT0.500W.049 032	4130 RD Tube .500 x.049W	10/10/12 Yes	48.00 f	YRC ppd	\$7.2000	\$345.60
Special Inst:			MATERIAL: AISI 4130N STEEL TUBING AS PER MIL-T-6736 OR AMS 6371/6360/6361/6362 6373/6374				
3	M4130NT0.750W.049 033	4130 RD Tube .750 x.049W	10/10/12 Yes	76.00 f	YRC ppd	\$6.3900	\$485.64

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required YES NO

Change Nbr: 2

Change Date: 10/03/12



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO18066**

Purchase Order Date 10/03/12

PO Print Date 10/03/12

Page Number 2 of 2

Order From :

VU-FAC001

FACTORY STEEL
14020 OAKLAND AVE.
DETROIT,, MI 48203
US

Contact Name

Vendor Phone 313 883 6300

Vendor Fax 313 883 4883

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms Net 30

Currency USD

FOB Destination-Collect

Special Inst:

MATERIAL: AISI 4130N STEEL TUBING
AS PER
MIL-T-6736 OR AMS 6371/6360/6361/6362
6373/6374

cut & pack

10/10/12

Yes

1.00 YRC ppd

Each

\$75.0000

\$75.00

PO Total:

\$2,256.24

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required **(YES)** NO

Change Nbr: 2

Change Date: 10/03/12